



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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August 11, 1997

3-26-04
LK

Gen Carres

TO: Minerals File
FROM: Lynn Kunzler, Reclamation Specialist *LK*
RE: Site Inspection, Ernie Hale's Proposed Quarry in Box Elder County, Utah

Brigg's Quarry
K Four Ranch Inc.
S/003/058

Date of Inspection: July 30, 1997
Time of Inspection: 10:30 a.m.
Conditions: Clear, warm
Participants: Ernie Hale, Claim Holder; Lynn Kunzler, DOGM

Purpose of Inspection: To document site conditions and determine what reclamation will be needed for this site.

This inspection was conducted at the request of the Claim holder, Ernie Hale, to determine what would need to be done as far as permitting requirements and reclamation of this site. The site is located in the SW/4 of Section 22, Township 14 North, Range 17 West, SLBM and is just east of the State Stone's Starlite Quarry. While most of the area was disturbed prior to 1975, Bill Hamm started quarrying stone in 1995-96 without filing a permit. This activity resulted in a small cut about 100 feet long with a 8-10 foot highwall.

Using a hip chain to measure distances, a sketch of the site was prepared with the acreage calculated and a rough estimate of the amount of material in the outslope that could possibly be salvaged and the amount of material that would need to be moved for reclamation under the Utah Mined Land Reclamation Act (UCA 40-8). A copy of the sketch is attached.

Results of the measurements show a total current disturbance of 1.86 acres, of which about .86 acres is the pad slope/talus that is around the north and eastern sides of the pad. The pad area and active quarry together comprise approximately 1 acre. It appears that this pad and active quarry area is the only portion of the site that has been worked in the last several years. Thus the Division would only require reclamation of only the one acre. Mr. Hale was told that he would only be held responsible by the Division for reclamation on only that portion that he decides to use for his proposed operation. Reclamation for the current disturbance would involve moving approximately 186 cubic yards of material to regrade the cut area, ripping the pad area (one acre) and seeding (one acre). It is expected that this would cost about \$750.00 plus mobilization (third party cost).

Mr Hale will be required by the BLM to file a Plan of Operations (even for a proposed small operation) and post a reclamation surety with them before the BLM will assure access over privately held surface. (Currently owned by Pickett Ranch and Livestock). The Division will not require reclamation surety so long as the site is permitted for less than 5 acres (Small Mining Operation).

Mr. Hale also indicated that he is considering purchase of the Starlite Quarry from State Stone. If this is done, the Division would consider the combined quarries as one site and would require a large mining Notice and a reclamation surety.

Attachment - sketch of the site

Ernie Hale's site
200'

B

A

+25'

A'

slope length = 30'
(1.5H:1V)

125'

Pad

ca 100'
8-10' Highwall

Trench

360'

Tallus

cliff

135'

* slope length 150'
(2H:1V)

1085'

end of road

B'

A

A'

B

20'

150'

B'

375 - 750/200

90'

45'

135'

